

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A method of reproducing an interactive recording medium auxiliary contents data in a reproducing apparatus, the method comprising the steps of:

receiving a playback control information for the auxiliary contents data for audio/video (A/V) data from an external server, the playback control information including an address information for indicating a location of the auxiliary contents data and attribute information for indicating image types and an aspect ratio for the auxiliary contents data;

storing the playback control information in one region among at least two logically divided regions of a buffer memory;

checking the attribute information for auxiliary contents data of A/V data recorded on the interactive recording medium stored in the one region of the buffer memory to determine a presentation method for the auxiliary contents data; and

determining a presentation method for the auxiliary contents data based on the attribute information and presenting the auxiliary contents data accordingly according to the determined presentation method.

2-3. (Canceled).

4. (Currently Amended) The method set forth in claim 1, wherein the playback control information is further pre-recorded on the interactive recording medium, and

wherein the receiving step comprises retrieving the playback control information from the recording medium.

5. (Original) The method set forth in claim 1, wherein the auxiliary contents data is organized into one or more files.

6. (Currently Amended) The method set forth in claim 5, wherein the attribute information is included in names of the files containing the auxiliary contents data.

7. (Currently Amended) The method set forth in claim 5, wherein the attribute information is included in meta tag information in a header area of the files containing the auxiliary contents data.

8. (Original) The method set forth in claim 5, wherein the attribute information is included in tag information arbitrarily positioned within the files containing the auxiliary contents data as image tag information.

9. (Canceled).

10. (Currently Amended) The method set forth in claim 1, wherein the image types indicate whether images for presenting the auxiliary contents data are square or not, and wherein the presenting step comprises presenting the auxiliary contents data as square images if the image types indicates the images are square.

11. (Currently Amended) The method set forth in claim 1, wherein the aspect ratios indicate whether aspect ratios of images for presenting the auxiliary contents data are either 4:3 or 16:9, and wherein the presenting step comprises presenting the auxiliary contents data as 4:3 or 16:9 according to the aspect ratio.

12. (Currently Amended) The method set forth in claim 1, wherein the auxiliary contents data is pre-recorded on the interactive recording medium or provided by an external server through a communication network, and wherein the storing step includes storing the auxiliary contents data into the buffer memory.

13. (Currently Amended) The method set forth in claim 1, wherein the determining and presenting step outputs the auxiliary contents data in conjunction with the A/V data reproduced from an interactive recording medium.

14. (New) An apparatus for reproducing an auxiliary contents data, the apparatus comprising:

a receiving unit configured to receive a playback control information for the auxiliary contents data for audio/video (A/V) data, the playback control information including an address information for indicating a location of auxiliary contents data and attribute information for indicating image types and an aspect ratio for the auxiliary contents data;

a buffer memory logically divided in at least two regions in which any one region is configured to store the playback control information; and

a controller configured to check the attribute information stored in the region of the buffer memory to determine a presentation method for the auxiliary contents data, and to control a presentation of the auxiliary contents data according to the determined presentation method.

15. (New) The apparatus set forth in claim 14, wherein the playback control information is pre-recorded on a recording medium, and

wherein the receiving unit is configured to retrieve the playback control information from the recording medium.

16. (New) The apparatus set forth in claim 14, wherein the auxiliary contents data is organized into one or more files.

17. (New) The apparatus set forth in claim 16, wherein the attribute information is included in names of the files containing the auxiliary contents data.

18. (New) The apparatus set forth in claim 16, wherein the attribute information is included in meta tag information in a header area of the files containing the auxiliary contents data.

19. (New) The apparatus set forth in claim 16, wherein the attribute information is included in tag information arbitrarily positioned within the files containing the auxiliary contents data as image tag information.

20. (New) The apparatus set forth in claim 14, wherein the image types indicate whether images for presenting the auxiliary contents data are square or not, and

wherein the controller is configured to control the presentation of the auxiliary contents data as square images if the image types indicates the images are square.

21. (New) The apparatus set forth in claim 14, wherein the aspect ratios indicate whether aspect ratios of the images for presenting the auxiliary contents data are either 4:3 or 16:9, and

wherein the controller is configured to control the presentation of the auxiliary contents data as 4:3 or 16:9 according to the aspect ratio.

22. (New) The apparatus set forth in claim 14, wherein the auxiliary contents data is pre-recorded on an interactive recording medium or provided by an external server through a communication network, and

wherein the buffer memory is configured to store the auxiliary contents data according to a control of the controller.

23. (New) The apparatus set forth in claim 14, wherein the controller is configured to control the presentation of the auxiliary contents data in conjunction with the A/V data reproduced from a recording medium.